Access DB# 76831

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: <u>Pinchus Laufer</u> Examiner # : <u>73139</u> Date: <u>9/30/02</u>

Art Unit: <u>2100</u> Phone Number <u>308-4160</u> Serial Number: <u>10/087003</u>

Mail Box Location: _____ Results Format Preferred (circle): PAPER   DISK   E-MAIL

If more than one search is submitted, please prioritize searches in order of need.
****

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

_____

Earliest Priority Filing Date: _____

For Sequence Searches Only Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

Litigation
6,032,156

****

STAFF USE ONLY	Type of Search	Vendors and cost where applicable
Searcher: _Shirelle Green_	Sequence (#)_____	STN ✓
Searcher Phone #: _306-4767_	AA Sequence (#)_____	Dialog _____
Searcher Location: _4B40_	Structure (#) _____	Questel/Orbit _29.02_
Date Searcher Picked Up: _10/1/02_	Bibliographic _____	Dr.Link _____
Date Completed: _10/1/02_	Litigation ✓	Lexis/Nexis ✓
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet ✓
Online Time: _10_	Other _____	Other (specify)_____

6032156

February 29, 2000

System for automated generation of media

REISSUE: February 28, 2002 - Reissue Application filed Ex. Gp.: 2777; Re. S.N. 10/087,003May 21, 2002

INVENTOR: Marcus, Dwight, 779 Cedar Point Pl. Westlake Village, CA 91362

APPL-NO: 00053597 ()

FILED-DATE: April 1, 1998

GRANTED-DATE: February 29, 2000

LEGAL-REP: Duane, Morris & Heckscher LLP

US-MAIN-CL: 707#1041

US-ADDL-CL: 345#723, 707#002, 707#008, 707#102, 707#5001

SEARCH-FLD: 707##1 , 707##2 , 707##7 , 707##8 , 707##201 , 707##202 , 707##100 , 707##102 , 707##103 , 707##104 , 395##20035 , 706##50 , 706##59 , 345##328 , 345##337 , 345##339

IPC-MAIN-CL: G 06F017#30

PRIM-EXMR: Fetting, Anton W.

ASST-EXMR: Alam, Shahid

ENGLISH-ABST:
A system and method for creating audiovisual programming has media elements, such as audiovisual clips, stored in a library. A database contains selected information about each of the media elements. The stored information in the database does not dictate the temporal sequence of the media elements. Media elements are selected in response to a request for media programming, and arranged in a temporal organization. A user does not select the individual media elements or their temporal organization. Transitions between audiovisual clips are determined by the system based on information stored in the database and predetermined preferences as to types of transitions. Transition information includes a variety of possible transition points in an individual clip, capable of selection by the system. Separate transitions for the audio and video portions of audiovisual clips may be provided. For unique media programming, a unique sequence of cues may be included within the program for use in verification of viewing and comprehension. Upon completion of the selection of the media elements, the sequence, and the transitions, the media elements are assembled into a media program, such as a videotape.

No Documents Found

No documents were found for your search (**6032156 or 6,032,156**). Please edit your search and try again. You may want to try one or more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use more common search terms.
- If applicable, look for all dates.

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LEXIS-NEXIS
Library: PATENT
File: JNLS

No Documents Found

No documents were found for your search (**6032156 or 6,032,156**). Please edit your search and try again. You may want to try one or more of the following:

- Check for spelling errors.
- Remove some search terms.
- Use more common search terms.
- If applicable, look for all dates.

Edit Search

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LEXIS-NEXIS
Library: PATENT
File: **CASES**

** SS 1: Results 1

Search statement   2

?prt full nonstop legalall

1/1 PLUSPAT - (C) QUESTEL-ORBIT- image
PN - US6032156 A 20000229 [US6032156]
TI - (A) System for automated generation of media
IN - (A) MARCUS DWIGHT   (US)
AP - US5359798   19980401 [1998US-0053597]
PR - US5359798   19980401 [1998US-0053597]
    - US4256497P 19970401 [1997US-P042564]
IC - (A) G06F-017/30
PCL - ORIGINAL (O) : 707104100; CROSS-REFERENCE (X) : 345723000   707002000
      707008000   707102000   707500100
DT - Basic
CT - US4290141; US4377870; US4566030; US5041972; US5109482; US5206929;
      US5227863; US5307456; US5353391; US5388197; US5414808; US5428774;
      US5440730; US5483276; US5515490; US5519828; US5550965; US5634020;
      US5644686; US5659793; US5680639; US5687331; US5689641; US5713021;
      US5721815; US5721878; US5729471; US5748187; US5748956; US5751883;
      US5752029; US5754851; US5765164; US5799150; US5819286; US5826102;
      US5852435; US5861880
    - Lee, Taekyong, "Query Processing Technique for Multimedia Presentation
      Graphs", Eighth International Workshop on Reasearch Issues In Data
      Engineering, 1998. "Continuous-Media Databases and Applications". Feb.
      23-24, 1998 pp. 130-138.

      Piamsa-nga, Punpiti, "A Parallel Model for Multimedia Database on
      Cluster System Environment", IEEE International Symposium on
      Industrial Electronics Proceedings, 1998. ISIE '98. Jul. 7-10, 1998,
      pp 648-652 vol. 2.

      Wu, Chao-Hui, "Querying multimedia presentations", Proceedings IEEE
      Conference on Protocols for Multimedia Systems-Multimedia Networking,
      Nov. 24-27, 1997 pp 64-73.
STG - (A) United States patent
AB - A system and method for creating audiovisual programming has media
      elements, such as audiovisual clips, stored in a library. A database
      contains selected information about each of the media elements. The
      stored information in the database does not dictate the temporal
      sequence of the media elements. Media elements are selected in
      response to a request for media programming, and arranged in a
      temporal organization. A user does not select the individual media
      elements or their temporal organization. Transitions between
      audiovisual clips are determined by the system based on information
      stored in the database and predetermined preferences as to types of
      transitions. Transition information includes a variety of possible
      transition points in an individual clip, capable of selection by the
      system. Separate transitions for the audio and video portions of
      audiovisual clips may be provided. For unique media programming, a
      unique sequence of cues may be included within the program for use in
      verification of viewing and comprehension. Upon completion of the
      selection of the media elements, the sequence, and the transitions,
      the media elements are assembled into a media program, such as a video
      tape.
UP - 2000-10

1/1 LGST - (C) LEGSTAT
PN - US 6032156   [US6032156]

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AP  - US 53597/98  19980401  [1998US-0053597]
DT  - US-P
ACT - 19980401  US/AE-A
      APPLICATION DATA (PATENT)
      {US 53597/98  19980401  [1998US-0053597]}
    - 20000229  US/A
      PATENT
    - 20020521  US/RF
      REISSUE APPLICATION FILED
      20020228
UP  - 2002-22


1/1 CRXX - (C) CLAIMS/RRX
PN  - 6,032,156 A  20000229  [US6032156]
PA  - Marcus, Dwight
ACT - 20020228  REISSUE REQUESTED
      ISSUE DATE OF O.G.: 20020521
      REISSUE REQUEST NUMBER: 10/087003
      EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2777


      Reissue Patent Number:


1/1 PAST - (C) Thomson Derwent
AN  - 200221-002022
PN  - 6032156  A  [US6032156]
OG  - 2002-05-21
ACT - REISSUE APPLICATION FILED
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fam us6032156/pn

1 Patent Groups
** SS 1: Results 4

Search statement   2

?famstate nonstop

1/4 INPADOC - (C) INPADOC
PN - AU 732696 B2 20010426 [AU-732696]
TI - SYSTEM FOR AUTOMATED GENERATION OF MEDIA PROGRAMS FROM A DATABASE OF
      MEDIA ELEMENTS
IN - MARCUS DWIGHT
PA - MEDIC INTERACTIVE INC
AP - AU 68756/98-A 19980401 [1998AU-0068756]
PR - US 42564/97-P 19970401 [1997US-P042564]
    - WO 9806420/98(US)-W 19980401 [1998WO-US06420]
IC - H04N-009/00

2/4 INPADOC - (C) INPADOC
PN - AU 68756/98 A1 19981022 [AU9868756]
TI - SYSTEM FOR AUTOMATED GENERATION OF MEDIA PROGRAMS FROM A DATABASE OF
      MEDIA ELEMENTS
IN - MARCUS DWIGHT
PA - MEDIC INTERACTIVE INC
AP - AU 68756/98-A 19980401 [1998AU-0068756]
PR - US 42564/97-P 19970401 [1997US-P042564]
    - WO 9806420/98(US)-W 19980401 [1998WO-US06420]
IC - H04N-009/00

3/4 INPADOC - (C) INPADOC
PN - US 6032156 A 20000229 [US6032156]
TI - SYSTEM FOR AUTOMATED GENERATION OF MEDIA
IN - MARCUS DWIGHT [US]
PA - MARCUS DWIGHT [US]
AP - US 53597/98-A 19980401 [1998US-0053597]
PR - US 53597/98-A 19980401 [1998US-0053597]
    - US 42564/97-P 19970401 [1997US-P042564]
IC - G06F-017/30

1/1 LEGALI - (C) LEGSTAT
PN - US 6032156 [US6032156]
AP - US 53597/98 19980401 [1998US-0053597]
DT - US-P
ACTE- 19980401 US/AE-A
      APPLICATION DATA (PATENT)
      {US 53597/98 19980401 [1998US-0053597]}
    - 20000229 US/A
      PATENT
    - 20020521 US/RF
      REISSUE APPLICATION FILED
      20020228
UP - 2002-22

4/4 INPADOC - (C) INPADOC
PN - WO 9844717 A2 19981008 [WO9844717]
TI - SYSTEM FOR AUTOMATED GENERATION OF MEDIA PROGRAMS FROM A DATABASE OF
      MEDIA ELEMENTS

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LA  - ENG
IN  - MARCUS DWIGHT
PA  - MEDIC INTERACTIVE INC [US]
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PR  - US 42564/97-P  19970401 [1997US-P042564]
IC  - H04N-000/00
DS  - AL* AM* AT* AU* AZ* BA* BB* BG* BR* BY* CA* CH* CN* CU* CZ* DE* DK*
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1/2 LEGALI - (C) LEGSTAT
PN  - CA 2285284  [CA2285284]
DT  - CA-P
ACTE- 19990930  CA/REFW-P
      CORRESPONDS TO PCT APPLICATION
      <WO 9844717>   [WO9844717]
UP  - 2000-02


2/2 LEGALI - (C) LEGSTAT
PN  - WO 9844717  [WO9844717]
AP  - WO 9806420/98(US)  19980401  [1998WO-US06420]
DT  - WO-P
ACTE- 19980401  WO/AE-A
      APPLICATION DATA
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    - 19981008  WO/AK-A2  [+]
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      GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
      MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW
    - 19981008  WO/AL-A2  [+]
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      GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE
      DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR
      NE SN TD TG
    - 19981008  WO/A2  [+]
      PUBLICATION OF THE INTERNATIONAL APPLICATION WITHOUT THE INTERNATIONAL
      SEARCH REPORT
    - 19981223  WO/DFPE
      REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH
      MONTH FROM PRIORITY DATE
    - 19990407  WO/121
      EP: PCT  APP. ART. 158 (1)
    - 19990930  WO/ENP-AA
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    - 20000203  WO/REG; DE/8642  [-]
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    - 20000303  WO/NENP
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      <JP>
UP  - 2000-13
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(FILE 'USPAT' ENTERED AT 10:21:51 ON 25 FEB 1999)
L1   139173 S MULTI-MEDIA OR MULTIMEDIA OR MEDIA
L2   767 S CUE# AND L1
L3   100 S ICON AND L2
L4   54 S (TELEPHONE OR PHONE) AND L3
L5   10 S (LUMINANCE OR BRIGHT OR BRIGHTNESS) AND L4

=> d cit l5 1-10

1. 5,875,305, Feb. 23, 1999, Video information management system which
provides intelligent responses to video data content features; Gerhard
Josef Winter, et al., 348/262, 588 [IMAGE AVAILABLE]

2. 5,875,108, Feb. 23, 1999, Ergonomic man-machine interface
incorporating adaptive pattern recognition based control system; Steven
M. Hoffberg, et al., 364/146, 188; 382/181, 190 [IMAGE AVAILABLE]

3. 5,867,386, Feb. 2, 1999, Morphological pattern recognition based
controller system; Steven M. Hoffberg, et al., 364/188; 382/190, 203, 209
[IMAGE AVAILABLE]

4. 5,790,177, Aug. 4, 1998, Digital signal recording/reproduction
apparatus and method; Samuel Anthony Kassatly, 348/13, 7, 385; 455/4.2,
5.1 [IMAGE AVAILABLE]

5. 5,774,357, Jun. 30, 1998, Human factored interface incorporating
adaptive pattern recognition based controller apparatus; Steven M.
Hoffberg, et al., 364/188; 348/27, 110, 734; 395/559, 587, 595 [IMAGE
AVAILABLE]

6. 5,767,913, Jun. 16, 1998, Mapping system for producing event
identifying codes; Lord Samuel Anthony Kassatly, 348/403, 473, 484 [IMAGE
AVAILABLE]

7. 5,687,331, Nov. 11, 1997, Method and system for displaying an
animated focus item; Patrick M. Volk, et al., 345/327, 352, 962, 977
[IMAGE AVAILABLE]

8. 5,664,126, Sep. 2, 1997, Human interface system for communicating
networked users; Hideki Hirakawa, et al., 345/329, 331, 349; 395/200.33,
200.48, 200.59; 707/10 [IMAGE AVAILABLE]

9. 5,508,733, Apr. 16, 1996, Method and apparatus for selectively
receiving and storing a plurality of video signals; L. Samuel A.
Kassatly, 348/13, 7, 8, 10, 12, 385, 426; 455/5.1 [IMAGE AVAILABLE]

10. 5,410,326, Apr. 25, 1995, Programmable remote control device for
interacting with a plurality of remotely controlled devices; Steven W.
Goldstein, 348/734; 340/825.72; 348/7; 359/196; 379/102.07; 455/4.1,
151.2 [IMAGE AVAILABLE]

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=> d his


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L1     139173 S MULTIMEDIA OR MULTI-MEDIA OR MEDIA
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L4          7 S UNIQUE AND L3
L5         14 S (DATABASE OR DOCUMENT#) AND L2
L6         11 S L1 AND L2
L7          5 S L1 AND L5
L8       9316 S DOCUMENT# AND L1
L9       4644 S SEQUENCE AND L8
L10       145 S CUE# AND L9
L11        92 S UNIQUE AND L10
L12        86 S PROGRAM? AND L11
L13        31 S TRANSITION AND L12
L14        25 S RANGE? AND L13
L15         1 S FADE AND L14

=> d cit l15
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1. 5,307,456, Apr. 26, 1994, Integrated **multi-media** production
and authoring system; Michael T. MacKay, 345/328, 340 [IMAGE AVAILABLE]

=> d cit 114 1-25

1. 5,875,108, Feb. 23, 1999, Ergonomic man-machine interface incorporating adaptive pattern recognition based control system; Steven M. Hoffberg, et al., 364/146, 188; 382/181, 190 [IMAGE AVAILABLE]

2. 5,848,373, Dec. 8, 1998, Computer aided map location system; David M. DeLorme, et al., 701/200; 340/990, 995; 342/357; 701/208, 212 [IMAGE AVAILABLE]

3. 5,835,667, Nov. 10, 1998, Method and apparatus for creating a searchable digital video library and a system and method of using such a library; Howard D. Wactlar, et al., 386/96, 97, 106 [IMAGE AVAILABLE]

4. 5,799,276, Aug. 25, 1998, Knowledge-based speech recognition system and methods having frame length computed based upon estimated pitch period of vocalic intervals; Edward Komissarchik, et al., 704/251, 207, 208, 231, 257 [IMAGE AVAILABLE]

5. 5,790,177, Aug. 4, 1998, Digital signal recording/reproduction apparatus and method; Samuel Anthony Kassatly, 348/13, 7, 385; 455/4.2, 5.1 [IMAGE AVAILABLE]

6. 5,767,913, Jun. 16, 1998, Mapping system for producing event identifying codes; Lord Samuel Anthony Kassatly, 348/403, 473, 484 [IMAGE AVAILABLE]

7. 5,748,199, May 5, 1998, Method and apparatus for converting a two dimensional motion picture into a three dimensional motion picture; Charles S. Palm, 345/473, 419, 433; 352/50 [IMAGE AVAILABLE]

8. 5,732,216, Mar. 24, 1998, Audio message exchange system; James Logan, et al., 395/200.33; 348/7, 13 [IMAGE AVAILABLE]

9. 5,722,418, Mar. 3, 1998, Method for mediating social and behavioral processes in medicine and business through an interactive telecommunications guidance system; L. William Bro, 1/1; 128/905, 920; 434/118; 482/9; 600/300 [IMAGE AVAILABLE]

10. 5,721,827, Feb. 24, 1998, System for electrically distributing personalized information; James Logan, et al., 395/200.47; 348/13 [IMAGE AVAILABLE]

11. 5,687,331, Nov. 11, 1997, Method and system for displaying an animated focus item; Patrick M. Volk, et al., 345/327, 352, 962, 977 [IMAGE AVAILABLE]

12. 5,623,609, Apr. 22, 1997, Computer system and computer-implemented process for phonology-based automatic speech recognition; Jonathan Kaye, et al., 704/1, 231, 255 [IMAGE AVAILABLE]

13. 5,596,994, Jan. 28, 1997, Automated and interactive behavioral and medical guidance system; William L. Bro, 600/545; 128/904, 905, 925 [IMAGE AVAILABLE]

14. 5,594,837, Jan. 14, 1997, Method for representation of knowledge in a computer as a network database system; Dallas B. Noyes, 706/55, 11, 50; 707/2 [IMAGE AVAILABLE]

15.   5,585,585, Dec. ● 1996, Automated accompaniment ●paratus and method; John W. Pauls●, et al., 84/610, 612, 634, 66● IMAGE AVAILABLE]

16.   5,508,733, Apr. 16, 1996, Method and apparatus for selectively receiving and storing a plurality of video signals; L. Samuel A. Kassatly, 348/13, 7, 8, 10, 12, 385, 426; 455/5.1 [IMAGE AVAILABLE]

17.   5,487,172, Jan. 23, 1996, Transform processor system having reduced processing bandwith; Gilbert P. Hyatt, 395/800.32; 364/137, DIG.1, DIG.2 [IMAGE AVAILABLE]

18.   5,455,926, Oct. 3, 1995, Virtual addressing of optical storage **media** as magnetic tape equivalents; Richard V. Keele, et al., 711/4; 364/952.31, 952.6, 959.3, 961.2, 961.4, 966.4, DIG.2; 711/112, 202 [IMAGE AVAILABLE]

19.   5,455,378, Oct. 3, 1995, Intelligent accompaniment apparatus and method; John W. Paulson, et al., 84/610, 634, 666 [IMAGE AVAILABLE]

20.   5,438,674, Aug. 1, 1995, Optical disk system emulating magnetic tape units; Richard V. Keele, et al., 711/4; 364/927.81, 952.31, 952.6, 955.5, 961.2, DIG.2; 395/500; 707/204, 205; 711/112, 202, 221 [IMAGE AVAILABLE]

21.   5,379,366, Jan. 3, 1995, Method for representation of knowledge in a computer as a network database system; Dallas B. Noyes, 706/55, 11, 50; 707/103 [IMAGE AVAILABLE]

22.   5,307,456, Apr. 26, 1994, Integrated **multi-media** production and authoring system; Michael T. MacKay, 345/328, 340 [IMAGE AVAILABLE]

23.   5,307,295, Apr. 26, 1994, Creating and controlling lighting designs; Brooks W. Taylor, et al., 364/578; 315/292 [IMAGE AVAILABLE]

24.   5,185,806, Feb. 9, 1993, Audio compressor, expander, and noise reduction circuits for consumer and semi-professional use; Ray M. Dolby, et al., 381/106; 333/14 [IMAGE AVAILABLE]

25.   4,817,149, Mar. 28, 1989, Three-dimensional auditory display apparatus and method utilizing enhanced bionic emulation of human binaural sound localization; Peter H. Myers, 381/1, 17, 63, 74 [IMAGE AVAILABLE]

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=> d his


        (FILE 'USPAT' ENTERED AT 10:00:02 ON 22 FEB 1999)
L1          884 S DATABASE AND TEMPORAL
L2       138859 S MEDIA OR MULTIMEDIA
L3          379 S L1 AND L2
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L10           0 S (DESELECT OR DESELECTING) AND L9
L11          12 S RANGE# AND L9
L12           6 S CUE# AND L11

=> d cit 112 1-6


1.  5,867,654, Feb. 2, 1999, Two monitor videoconferencing hardware;
Lester F. Ludwig, et al., 345/330 [IMAGE AVAILABLE]

2.  5,854,893, Dec. 29, 1998, System for teleconferencing in which
collaboration types and participants by names or icons are selected
by a participant of the teleconference; Lester F. Ludwig, et al.,
395/200.34, 200.35, 200.57, 200.61, 200.76, 200.79 [IMAGE AVAILABLE]

3.  5,802,294, Sep. 1, 1998, Teleconferencing system in which location
video mosaic generator sends combined local participants images to second
location video mosaic generator for displaying combined images; Lester F.
Ludwig, et al., 395/200.34; 370/260, 267; 379/202; 395/200.68 [IMAGE
AVAILABLE]

4.  5,758,079, May 26, 1998, Call control in video conferencing
allowing acceptance and identification of participants in a new incoming
call during an active teleconference; Lester F. Ludwig, et al.,
395/200.34; 345/330; 370/261; 379/202 [IMAGE AVAILABLE]

5.  5,689,641, Nov. 18, 1997, Multimedia collaboration system
arrangement for routing compressed AV signal through a participant site
without decompressing the AV signal; Lester F. Ludwig, et al.,
395/200.71; 348/15, 16; 370/260, 270; 395/200.34 [IMAGE AVAILABLE]

6.  5,617,539, Apr. 1, 1997, Multimedia collaboration system with
separate data network and A/V network controlled by information
transmitting on the data network; Lester F. Ludwig, et al., 395/200.35;
345/330; 348/12; 370/260; 395/200.68, 200.79 [IMAGE AVAILABLE]
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=> d cit lll 1-12

1. 5,870,768, Feb. 9, 1999, Expert system and method employing
hierarchical knowledge base, and interactive **multimedia**/hypermedia
applications; Amir Hekmatpour, 707/501; 345/339, 347; 706/45 [IMAGE
AVAILABLE]

2. 5,867,654, Feb. 2, 1999, Two monitor videoconferencing hardware;
Lester F. Ludwig, et al., 345/330 [IMAGE AVAILABLE]

3. 5,854,893, Dec. 29, 1998, System for teleconferencing in which
collaboration types and participants by names or icons are **selected**
by a participant of the teleconference; Lester F. Ludwig, et al.,
395/200.34, 200.35, 200.57, 200.61, 200.76, 200.79 [IMAGE AVAILABLE]

4. 5,822,745, Oct. 13, 1998, Expert system and method employing
hierarchical knowledge base, and interactive **multimedia**/hypermedia
applications; Amir Hekmatpour, 706/59, 46, 60 [IMAGE AVAILABLE]

5. 5,806,056, Sep. 8, 1998, Expert system and method employing
hierarchical knowledge base, and interactive **multimedia**/hypermedia
applications; Amir Hekmatpour, 706/50, 45, 46, 61 [IMAGE AVAILABLE]

6. 5,802,294, Sep. 1, 1998, Teleconferencing system in which location
video mosaic generator sends combined local participants images to second
location video mosaic generator for displaying combined images; Lester F.
Ludwig, et al., 395/200.34; 370/260, 267; 379/202; 395/200.68 [IMAGE
AVAILABLE]

7. 5,758,079, May 26, 1998, Call **control** in video conferencing
allowing acceptance and identification of participants in a new incoming
call during an active teleconference; Lester F. Ludwig, et al.,
395/200.34; 345/330; 370/261; 379/202 [IMAGE AVAILABLE]

8. 5,720,007, Feb. 17, 1998, Expert system and method employing
hierarchical knowledge base, and interactive **multimedia**/hypermedia
applications; Amir Hekmatpour, 706/50, 11, 46 [IMAGE AVAILABLE]

9. 5,696,885, Dec. 9, 1997, Expert system and method employing
hierarchical knowledge base, and interactive **multimedia**/hypermedia
applications; Amir Hekmatpour, 706/59, 12 [IMAGE AVAILABLE]

10. 5,689,641, Nov. 18, 1997, **Multimedia** collaboration system
arrangement for routing compressed AV signal through a participant site
without decompressing the AV signal; Lester F. Ludwig, et al.,
395/200.71; 348/15, 16; 370/260, 270; 395/200.34 [IMAGE AVAILABLE]

11. 5,644,686, Jul. 1, 1997, Expert system and method employing
hierarchical knowledge base, and interactive **multimedia**/hypermedia
applications; Amir Hekmatpour, 706/45, 53, 61; 707/501 [IMAGE AVAILABLE]

12. 5,617,539, Apr. 1, 1997, **Multimedia** collaboration system with
separate data network and A/V network **controlled** by information
transmitting on the data network; Lester F. Ludwig, et al., 395/200.35;
345/330; 348/12; 370/260; 395/200.68, 200.79 [IMAGE AVAILABLE]

TITLE: Time index access structure for temporal databases having
                concurrent multiple versions

1. 5,440,730, Aug. 8, 1995, Time index access structure for temporal
databases having concurrent multiple versions; **Ramez A. Elmasri,** et
al., 707/203; 364/282.1, 282.3, DIG.1; 711/159 [IMAGE AVAILABLE]

=> d ab 114

ABSTRACT:
A time index for temporal databases is provided which enables the
retrieval of database object versions that are valid during specified
time periods. Unlike prior access and retrieval structures, the present
index is based on objects whose search values are time intervals rather
than time points. A series of ordered indexing points is defined by the
start and end of object version intervals and these points are used to
build an indexing structure, which may take the form of a B.sup.+ -tree.
Each leaf node entry of the B.sup.+ -tree represents an indexing point
and has an associated bucket of pointers which identify all object
versions that are valid at that time. Storage space is reduced by
including only incremental change indicators in the buckets of
non-leading leaf entries and calculating needed pointers from such
indicators. The time index may be employed in multi-level structures with
attribute indexes to greatly improve the efficiency of temporal search
operations, such as aggregate functions and temporal selection, as well
WHEN and JOIN operators.

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=> d his


        (FILE 'USPAT' ENTERED AT 17:13:51 ON 04 FEB 1999)
L1       138132 S MULTIMEDIA OR MULTI-MEDIA OR MULTI MEDIA OR MEDIA
L2        24358 S DATABASE OR DATA (W) BASE
L3         6276 S L1 AND L2
L4         2208 S PROGRAMMING  AND L3
L5          161 S TEMPORAL AND L4
L6           31 S (TAG OR TAGS) AND L5
L7           25 S ELEMENT? AND L6
L8            9 S CLIP? AND L7
L9           52 S CLIP? AND L5
L10           9 S (TAG OR TAGS) AND L9
L11           9 S ELEMENT? AND L10
L12           9 S CONTROL AND L11
L13           0 S LUMINANCE AND L12
L14           9 S (RANGE) AND L12
L15           4 S CONTENT AND L14
L16           4 S SELECT? AND L15
L17           9 S SELECT? AND L14
L18           4 S CONTENT AND L17
L19           0 S DEMOGRAPH? AND L17

=> d cit 117 1-7
```

1. 5,822,745, Oct. 13, 1998, Expert system and method employing
hierarchical knowledge base, and interactive **multimedia**/hypermedia
applications; Amir Hekmatpour, 706/59, 46, 60 [IMAGE AVAILABLE]

2. 5,806,056, Sep. 8, 1998, Expert system and method employing
hierarchical knowledge base, and interactive **multimedia**/hypermedia
applications; Amir Hekmatpour, 706/50, 45, 46, 61 [IMAGE AVAILABLE]

3. 5,745,126, Apr. 28, 1998, Machine synthesis of a virtual video
camera/image of a scene from multiple video cameras/images of the scene
in accordance with a particular perspective on the scene, an object in
the scene, or an event in the scene; Ramesh Jain, et al., 1/1; 348/42, 47
[IMAGE AVAILABLE]

4. 5,729,471, Mar. 17, 1998, Machine dynamic **selection** of one video
camera/image of a scene from multiple video cameras/images of the scene
in accordance with a particular perspective on the scene, an object in
the scene, or an event in the scene; Ramesh Jain, et al., 348/13;
345/419; 348/19 [IMAGE AVAILABLE]

5. 5,720,007, Feb. 17, 1998, Expert system and method employing
hierarchical knowledge base, and interactive **multimedia**/hypermedia
applications; Amir Hekmatpour, 706/50, 11, 46 [IMAGE AVAILABLE]

6. 5,696,885, Dec. 9, 1997, Expert system and method employing
hierarchical knowledge base, and interactive **multimedia**/hypermedia
applications; Amir Hekmatpour, 706/59, 12 [IMAGE AVAILABLE]

7. 5,644,686, Jul. 1, 1997, Expert system and method employing
hierarchical knowledge base, and interactive **multimedia**/hypermedia
applications; Amir Hekmatpour, 706/45, 53, 61; 707/501 [IMAGE AVAILABLE]

D HIS

(FILE 'USPAT' ENTERED AT 15:21:42 ON 04 FEB 1999)
L1   120 S MULTIMEDIA PROGRAM
L2   32 S L1 AND EDIT?
L3   7 S L2 AND CLIP#

=> D 1-7

1. 5,852,435, Dec. 22, 1998, Digital multimedia **editing** and data management system; Stevan Vigneaux, et al., 345/302, 202, 433; 348/384; 370/229 [IMAGE AVAILABLE]

2. 5,826,102, Oct. 20, 1998, Network arrangement for development delivery and presentation of multimedia applications using timelines to integrate multimedia objects and program objects; George Escobar, et al., 345/302, 327; 348/7, 10 [IMAGE AVAILABLE]

3. 5,799,150, Aug. 25, 1998, System for sending list of media data objects to server which may be read by client and receiving from the server indicator of allocated resource; James Hamilton, et al., 395/200.33, 200.47, 200.49, 200.56 [IMAGE AVAILABLE]

4. 5,754,851, May 19, 1998, Method and apparatus for representing and **editing** multimedia compositions using recursively defined components; Michael J. Wissner, 707/104; 345/302; 707/103 [IMAGE AVAILABLE]

5. 5,752,029, May 12, 1998, Method and apparatus for representing and **editing** multimedia compositions using references to tracks in the composition to define components of the composition; Michael J. Wissner, 707/104; 345/302; 707/103 [IMAGE AVAILABLE]

6. 5,659,793, Aug. 19, 1997, Authoring tools for multimedia application development and network delivery; George Escobar, et al., 345/302, 348, 435 [IMAGE AVAILABLE]

7. 5,634,020, May 27, 1997, Apparatus and method for displaying audio data as a discrete waveform; Mark J. Norton, 345/339 [IMAGE AVAILABLE]

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> d his

        (FILE 'USPAT' ENTERED AT 10:13:55 ON 01 FEB 1999)
                   E HUNT, GREGORY
L1         612 S MANAG? (P) MULTIMEDIA
L2          64 S SCRIPT AND L1
L3         110 S TEMPORAL (P) ORGANIZATION
L4           8 S L1 AND L3
L5          62 S VIDEO SEQUENCE (P) EDIT?
L6         132 S PLAY LIST OR DECISION LIST
L7           7 S L5 AND L6
L8           0 S L1 AND L7
```

=> d cit 117 8-9

8. 5,581,658, Dec. 3, 1996, Adaptive system for broadcast program
identification and reporting; Michael O'Hagan, et al., 706/20; 704/232
[IMAGE AVAILABLE]

9. 5,515,477, May 7, 1996, Neural networks; John Sutherland, 706/41;
128/925; 706/16, 27 [IMAGE AVAILABLE]

=> d cit 118 1-4

1. 5,745,126, Apr. 28, 1998, Machine synthesis of a virtual video
camera/image of a scene from multiple video cameras/images of the scene
in accordance with a particular perspective on the scene, an object in
the scene, or an event in the scene; Ramesh Jain, et al., 1/1; 348/42, 47
[IMAGE AVAILABLE]

2. 5,729,471, Mar. 17, 1998, Machine dynamic **selection** of one video
camera/image of a scene from multiple video cameras/images of the scene
in accordance with a particular perspective on the scene, an object in
the scene, or an event in the scene; Ramesh Jain, et al., 348/13;
345/419; 348/19 [IMAGE AVAILABLE].

3. 5,581,658, Dec. 3, 1996, Adaptive system for broadcast program
identification and reporting; Michael O'Hagan, et al., 706/20; 704/232
[IMAGE AVAILABLE]

4. 5,515,477, May 7, 1996, Neural networks; John Sutherland, 706/41;
128/925; 706/16, 27 [IMAGE AVAILABLE]

d cit 17 1-7

1.   5,835,163, Nov. 10, 1998, Apparatus for detecting a cut in a video;
Shih-Ping Liou, et al., 348/700, 699, 701 [IMAGE AVAILABLE]

2.   5,577,191, Nov. 19, 1996, System and method for digital video editing
and publishing, using intraframe-only video data in intermediate steps;
Mauro Bonomi, 345/502; 348/384; 382/166 [IMAGE AVAILABLE]

3.   5,577,190, Nov. 19, 1996, Media editing system with adjustable source
material compression; Eric C. Peters, 345/501, 507 [IMAGE AVAILABLE]

4.   5,519,828, May 21, 1996, Video editing operator interface for
aligning timelines; Bruce L. Rayner, 345/326, 328, 348 [IMAGE AVAILABLE]

5.   5,467,288, Nov. 14, 1995, Digital audio workstations providing
digital storage and display of video information; Peter J. Fasciano, et
al., 345/328, 302; 707/512 [IMAGE AVAILABLE]

6.   5,388,197, Feb. 7, 1995, Video editing system operator inter-face for
visualization and interactive control of video material; Bruce L. Rayner,
345/328, 348, 439; 386/54 [IMAGE AVAILABLE]

7.   5,051,845, Sep. 24, 1991, Closed-loop post production process; Larry
J. Gardner, et al., 386/52; 369/83 [IMAGE AVAILABLE]

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=> d his


        (FILE 'USPAT' ENTERED AT 10:13:55 ON 01 FEB 1999)
                    E HUNT, GREGORY
L1          612 S MANAG? (P) MULTIMEDIA
L2           64 S SCRIPT AND L1
L3          110 S TEMPORAL (P) ORGANIZATION
L4            8 S L1 AND L3

=> d cit 14 1-8
```

1. 5,832,309, Nov. 3, 1998, System for synchronization with nonstreaming
device controller and a streaming data handler each supplying current
location for synchronizing slave data and master data flow; Bradley Dale
Noe, et al., 395/881 [IMAGE AVAILABLE]

2. 5,751,883, May 12, 1998, Multimedia direct access storage device and
formatting method; Hal Hjalmar Ottesen, et al., 386/27; 348/7; 369/30;
386/125; 711/112, 114 [IMAGE AVAILABLE]

3. 5,742,283, Apr. 21, 1998, Hyperstories: organizing multimedia
episodes in temporal and spatial displays; Michelle Yoonkyung Lee Kim,
345/302; 707/501, 517, 539 [IMAGE AVAILABLE]

4. 5,721,878, Feb. 24, 1998, Multimedia control system and method for
controlling multimedia program presentation; Hal Hjalmar Ottesen, et al.,
395/500; 348/7 [IMAGE AVAILABLE]

5. 5,721,815, Feb. 24, 1998, Media-on-demand communication system and
method employing direct access storage device; Hal Hjalmar Ottesen, et
al., 345/327; 348/7; 395/200.49, 827 [IMAGE AVAILABLE]

6. 5,664,226, Sep. 2, 1997, System for merging plurality of atomic data
elements into single synchronized file by assigning ouput rate to each
channel in response to presentation time duration; Brian Matthew Czako,
et al., 395/872; 364/232.9, 239, 246.4, DIG.1; 395/182.03; 707/102;
711/112 [IMAGE AVAILABLE]

7. 5,642,477, Jun. 24, 1997, Method and apparatus for selectably
retrieving and outputting digitally stored multimedia presentations with
real-time non-interrupting, dynamically selectable introduction of output
processing; Linden Alanso de Carmo, et al., 345/302; 395/551 [IMAGE
AVAILABLE]

8. 5,619,733, Apr. 8, 1997, Method and apparatus for synchronizing
streaming and non-streaming multimedia devices by controlling the play
speed of the non-streaming device in response to a synchronization
signal; Bradley D. Noe, et al., 395/881; 345/302; 370/503; 395/551 [IMAGE
AVAILABLE]

d his

        (FILE 'USPAT' ENTERED AT 10:13:55 ON 01 FEB 1999)
                 · E HUNT, GREGORY
L1   612 S MANAG? (P) MULTIMEDIA
L2   64 S SCRIPT AND L1
L3   110 S TEMPORAL (P) ORGANIZATION
L4   8 S L1 AND L3
L5   62 S VIDEO SEQUENCE (P) EDIT?
L6   132 S PLAY LIST OR DECISION LIST
L7   7 S L5 AND L6
L8   0 S L1 AND L7

=> d cit 17 1-7

1. 5,835,163, Nov. 10, 1998, Apparatus for detecting a cut in a video;
Shih-Ping Liou, et al., 348/700, 699, 701 [IMAGE AVAILABLE]

2. 5,577,191, Nov. 19, 1996, System and method for digital video editing
and publishing, using intraframe-only video data in intermediate steps;
Mauro Bonomi, 345/502; 348/384; 382/166 [IMAGE AVAILABLE]

3. 5,577,190, Nov. 19, 1996, Media editing system with adjustable source
material compression; Eric C. Peters, 345/501, 507 [IMAGE AVAILABLE]

4. 5,519,828, May 21, 1996, Video editing operator interface for
aligning timelines; Bruce L. Rayner, 345/326, 328, 348 [IMAGE AVAILABLE]

5. 5,467,288, Nov. 14, 1995, Digital audio workstations providing
digital storage and display of video information; Peter J. Fasciano, et
al., 345/328, 302; 707/512 [IMAGE AVAILABLE]

6. 5,388,197, Feb. 7, 1995, Video editing system operator inter-face for
visualization and interactive control of video material; Bruce L. Rayner,
345/328, 348, 439; 386/54 [IMAGE AVAILABLE]

7. 5,051,845, Sep. 24, 1991, Closed-loop post production process; Larry
J. Gardner, et al., 386/52; 369/83 [IMAGE AVAILABLE]

D HIS

(FILE 'USPAT' ENTERED AT 10:13:50 ON 28 JAN 1999)
L1   5557 S 707/CLAS
L2   162 S L1 AND TEMPORAL
L3   51 S L2 AND FRAME
L4   20 S L3 AND MULTIMEDIA

=> D 1-20

1. 5,864,849, Jan. 26, 1999, System and method for restoring a multiple checkpointed database in view of loss of volatile memory; Philip Lewis Bohannon, et al., **707/8, 7, 201, 202** [IMAGE AVAILABLE]

2. 5,845,292, Dec. 1, 1998, System and method for restoring a distributed checkpointed database; Philip L. Bohannon, et al., **707/202;** 395/182.13, 182.14, 182.17, 182.18; **707/8, 200, 201** [IMAGE AVAILABLE]

3. 5,819,286, Oct. 6, 1998, Video database indexing and query method and system; Hsiao-Ying Yang, et al., **707/104, 100** [IMAGE AVAILABLE]

4. 5,784,286, Jul. 21, 1998, Design process recording method and a design process recorder; Atsushi Hirose, et al., 364/488; 395/500, 683, 702; **707/1, 102** [IMAGE AVAILABLE]

5. 5,765,164, Jun. 9, 1998, Apparatus and method for management of discontinuous segments of multiple audio, video, and data streams; Rama R. Prasad, et al., **707/104, 102** [IMAGE AVAILABLE]

6. 5,764,241, Jun. 9, 1998, Method and system for modeling and presenting integrated media with a declarative modeling language for representing reactive behavior; Conal M. Elliott, et al., 345/473, 433; **707/501** [IMAGE AVAILABLE]

7. 5,754,851, May 19, 1998, Method and apparatus for representing and editing **multimedia** compositions using recursively defined components; Michael J. Wissner, **707/104;** 345/302; **707/103** [IMAGE AVAILABLE]

8. 5,752,029, May 12, 1998, Method and apparatus for representing and editing **multimedia** compositions using references to tracks in the composition to define components of the composition; Michael J. Wissner, **707/104;** 345/302; **707/103** [IMAGE AVAILABLE]

9. 5,748,187, May 5, 1998, Synchronization control of **multimedia** objects in an MHEG engine; Jin-Suk Kim, et al., 345/302; **707/501** [IMAGE AVAILABLE]

10. 5,724,605, Mar. 3, 1998, Method and apparatus for representing and editing **multimedia** compositions using a tree structure; Michael J. Wissner, 345/302; **707/104** [IMAGE AVAILABLE]

11. 5,717,879, Feb. 10, 1998, System for the capture and replay of **temporal** data representing collaborative activities; Thomas P. Moran, et al., 345/339, 330, 331; **707/2** [IMAGE AVAILABLE]

12. 5,717,869, Feb. 10, 1998, Computer controlled display system using a

timeline to control ‚   yback of **temporal** data represe⁀   ag
collaborative activi●─s; Thomas P. Moran, et al., 3●539, 331;
707/2 [IMAGE AVAILABLE]

13. 5,713,021, Jan. 27, 1998, **Multimedia** data search system that
searches for a portion of **multimedia** data using objects corresponding
to the portion of **multimedia** data; Akiko Kondo, et al., **707/103;**
345/302, 328; **707/104** [IMAGE AVAILABLE]

14. 5,664,227, Sep. 2, 1997, System and method for skimming digital
audio/video data; Michael L. Mauldin, et al., **707/516;** 345/302 [IMAGE
AVAILABLE]

15. 5,664,226, Sep. 2, 1997, System for merging plurality of atomic data
elements into single synchronized file by assigning ouput rate to each
channel in response to presentation time duration; Brian Matthew Czako,
et al., 395/872; 364/232.9, 239, 246.4, DIG.1; 395/182.03; **707/102;**
711/112 [IMAGE AVAILABLE]

16. 5,655,117, Aug. 5, 1997, Method and apparatus for indexing
multimedia information streams; Evan Goldberg, et al., **707/102,**
104 [IMAGE AVAILABLE]

17. 5,644,686, Jul. 1, 1997, Expert system and method employing
hierarchical knowledge base, and interactive **multimedia**/hypermedia
applications; Amir Hekmatpour, 706/45, 53, 61; **707/501** [IMAGE
AVAILABLE]

18. 5,583,561, Dec. 10, 1996, Multi-cast digital video data server using
synchronization groups; Donn B. Baker, et al., 348/7, 12; 370/390;
395/200.49; **707/1** [IMAGE AVAILABLE]

19. 5,550,965, Aug. 27, 1996, Method and system for operating a data
processor to index primary data in real time with iconic table of
contents; John D. Gabbe, et al., **707/512;** 345/302, 328, 350;
707/104 [IMAGE AVAILABLE]

20. 5,537,528, Jul. 16, 1996, System and method for inputting scene
information; Junichi Takahashi, et al., **707/512;** 345/302, 328, 356;
707/514 [IMAGE AVAILABLE]

> d his

                    DEL HIS
L1   326 S URL
L2   337 S WEB(W)(PAGE# OR SITE# OR ADDRESS##)
L3   314 S HYPERLINK? OR HYPERTEXT?(5A)LINK#
L4   633 S L1-3
L5   2 S CENTRALIZ?(20A)L4
L6   29 S L4 (20A)(DATE# OR DEADLINE OR TIMESTAMP? OR TIME(2W)(DAT
A O
L7   3 S 5675510/UREF,BI
L8   1 S 5727129/PN
L9   1 S 5727129/UREF,BI
L10   1255 S (METER? OR TRACK? OR MONITOR?)(2A)USAGE#
L11   3 S L4 (P) L10

=> d l11 1 cit date as ab

1. 5,819,156, Oct. 6, 1998, PC/TV usage tracking and reporting device;
Brian V. Belmont, 455/2; 345/327; 348/1, 552 [IMAGE AVAILABLE]

                                              L11: 1 of 3
TITLE: PC/TV usage tracking and reporting device
US PAT NO: 5,819,156   DATE ISSUED: Oct. 6, 1998
               [IMAGE AVAILABLE]
APPL-NO: 08/783,608   DATE FILED: Jan. 14, 1997
ASSIGNEE: Compaq Computer Corp., Houston, TX (U.S. corp.)

ABSTRACT:
A TV/PC convergence device, operable in a television mode, a computer
mode and a combination television/computer mode, includes a display, a
computer and a tracking device. The display receives and displays images
in all three modes. The computer executes programs and is operable in the
computer mode and the combination television/computer mode. The tracking
device, which is coupled to the display and computer, tracks, records,
and reports select uses of the display and the computer during each of
the television mode, the computer mode and the combination
television/computer mode.

=> d l11 hit

US PAT NO: 5,819,156 [IMAGE AVAILABLE]   L11: 1 of 3

DETDESC:

DETD(12)

 As further depicted in FIG. 2, tracking/reporting device 18 can also
track the **usage** of On-Line Doc Viewer 26. An example of an
On-Line Doc Viewer would be a **web page**. Tracking/reporting device
18 could track the list of topics searched, the amount of time spent in
each on-line document per visit by a user, and the number of time a given
topic is accessed.

US PAT NO:	5,819,156 [IMAGE AVAILABLE]		L11: 1 of 3

US PAT NO: 5,819,156 [IMAGE AVAILABLE]   L11: 1 of 3
DATE ISSUED: Oct. 6, 1998
TITLE: PC/TV usage tracking and reporting device
INVENTOR: Brian V. Belmont, Dallas, TX
ASSIGNEE: Compaq Computer Corp., Houston, TX (U.S. corp.)
APPL-NO: 08/783,608
DATE FILED: Jan. 14, 1997
INT-CL: [6] H04N 7/16
US-CL-ISSUED: 455/2; 348/1, 552; 345/327
US-CL-CURRENT: 455/2; 345/327; 348/1, 552
SEARCH-FLD: 455/2, 4.2, 5.1, 6.1, 6.2, 6.3; 348/1, 2, 3, 4, 5, 6,
                7-13, 552; H04N 7/16; 7173; <395 200/.54;200.48; <345
                327
REF-CITED:

U.S. PATENT DOCUMENTS

5,374,951	12/1994	Welsh	348/4
5,497,479	3/1996	Hornbuckle	395/491
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    monitor, five pages from Internet site.
Destination Features, five pages from Internet site.

ART-UNIT: 271
PRIM-EXMR: Chris Grant
LEGAL-REP: Jenkens & Gilchrist

ABSTRACT:

A TV/PC convergence device, operable in a television mode, a computer
mode and a combination television/computer mode, includes a display, a
computer and a tracking device. The display receives and displays images
in all three modes. The computer executes programs and is operable in the
computer mode and the combination television/computer mode. The tracking
device, which is coupled to the display and computer, tracks, records,
and reports select uses of the display and the computer during each of
the television mode, the computer mode and the combination
television/computer mode.

5 Claims, 2 Drawing Figures

user's past history o⁻ etwork usage. An archive is ma⁻ ained of remote
sites accessed and in●.nces in which the same remote●.es are accessed
in sequence. Statist.● regarding information such as●.e number of time
a site has been accessed, and the times a given set of sites have been
accessed in sequence, are maintained. This information may be displayed
upon command. Based on this information, information items are identified
which the user is predicted to be likely to want to access. This
information is pre-downloaded, without express user command, so that if
the user does enter a command, the response time is advantageously fast.
                    22 Claims, 11 Drawing Figures

US PAT NO: 5,727,129 [IMAGE AVAILABLE]   L6: 25 of 29

DETDESC:

DETD(13)

 In step 26, the number of occurrences of the page, i.e., the number of
times in the past that this **Web page** has been downloaded, is
computed. Preferably, the **date** and time of the prior downloads, or
some suitable indication of how recently each download took place, is
also obtained, and used later.

| US PAT NO: | 5,727,129 [IMAGE AVAILABLE] | | L6: 25 of 29 |

US PAT NO: 5,727,129 [IMAGE AVAILABLE]   L6: 25 of 29
DATE ISSUED: Mar. 10, 1998
TITLE: Network system for profiling and actively facilitating
                  user activities
INVENTOR: Robert Carl Barrett, San Jose, CA
                  Daniel Clark Kellem, San Jose, CA
                  Paul Philip Maglio, Santa Cruz, CA
ASSIGNEE: International Business Machines Corporation, Armonk, NY
                  (U.S. corp.)
APPL-NO: 08/659,100
DATE FILED: Jun. 4, 1996
INT-CL: [6] G06F 3/00
US-CL-ISSUED: 395/12, 357, 353, 200.09
US-CL-CURRENT: 706/10; 345/353, 357; 395/200.47, 200.54, 200.58; 706/21
SEARCH-FLD: 395/12, 1, 10, 326-358, 200.01, 200.02, 200.11, 200.08,
                  200.09
REF-CITED:

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  27-29, 1995. Stanford Univ. Info Gathering for Heterogeneous,
  Distributed Environment.

ART-UNIT: 245
PRIM-EXMR: John E. Breene
LEGAL-REP: James C. Pintner

ABSTRACT:
A system and method are provided for use with an communication and
information network, such at the Internet World Wide Web, for assisting a
user in accessing information stored at remote network sites based on the

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          (FILE 'USPAT' ENTERED AT 13:51:22 ON 13 JAN 1999)
L1          216 S 707/501,513/CCLS
L2           49 S L1 AND (SEARCH? OR RETRIEV?)/TI,AB
L3          501 S (URL OR WEB)(2A)(LIST# OR TABLE#)
L4            3 S L2 AND L3
L5            2 S L3 (20A) (SORT### OR ORDERED OR ORDERING)
L6            7 S (URL OR WEB(W)PAGE# OR WEB(W)ADDRESS##) (20A) (SORT### O
R O
L7           19 S (URL OR WEB(W)PAGE# OR WEB(W)ADDRESS##) (P) (SORT.### OR
ORD
L8           48 S (HYPERLINK? OR HYPERTEXT? OR URL OR WEB(W)PAGE# OR WEB(W
)AD
L9          475 S 707/501,513/CCLS OR 395/200.47,200.48/CCLS
L10           2 S L8 AND L9
L11         291 S (ANCHOR#)(P)(SORT### OR ORDERED OR ORDERING)
L12           3 S L9 AND L11
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      (FILE 'USPAT' ENTERED AT 13:51:22 ON 13 JAN 1999)
L1        216 S 707/501,513/CCLS
L2         49 S L1 AND (SEARCH? OR RETRIEV?)/TI,AB
L3        501 S (URL OR WEB)(2A)(LIST# OR TABLE#)
L4          3 S L2 AND L3
L5          2 S L3 (20A) (SORT### OR ORDERED OR ORDERING)
L6          7 S (URL OR WEB(W)PAGE# OR WEB(W)ADDRESS##) (20A) (SORT### O
R O

=> d l6 1 cit date


1.  5,850,520, Dec. 15, 1998, Method and system for electronic
publication distribution including return receipt; L. Joy Griebenow, et
al., 395/200.36, 200.47 [IMAGE AVAILABLE]


                                              L6: 1 of 7
TITLE:          Method and system for electronic publication distribution
                including return receipt
US PAT NO:      5,850,520              DATE ISSUED:    Dec. 15, 1998
                [IMAGE AVAILABLE]
APPL-NO:        08/673,988             DATE FILED:     Jul. 1, 1996
```

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        (FILE 'USPAT' ENTERED AT 06:59:05 ON 07 JAN 1999)
L1   490718 S DATABASE OR DATA OR DATA (W) BASE
L2   136731 S MULTIMEDIA OR MEDIA
L3   15311 S TEMPORAL
L4   2853 S TIMESTAMP OR TIME (W) STAMP
L5   64046 S L1 AND L2
L6   2440 S L5 AND L3
L7   137 S L6 AND L4
L8   31 S TAG# AND L7
L9   1 S DEMOGRAPHIC## AND L8
L10   57531 S AUDIOVISUAL OR AUDIO OR AUDIO(W)VIDEO
L11   27 S L10 AND L8
L12   120903 S PHOTO# OR PHOTOGRAPH# OR PHOTO(W)GRAPH
L13   6 S L11 AND L12
L14   1 S DEMOGRAPHIC# AND L13
L15   623713 S MAINTAIN OR MAINTAINING AND L1
L16   62152 S ELEMENT# AND L2
L17   25947 S L15 AND L16
L18   262388 S PROGRAMMING OR PROGRAM?
L19   9045 S L17 AND L18
L20   16 S TEMPORAL (W) ORGANIZATION
L21   4 S L19 AND L20
L22   0 S L4 AND L21
L23   3 S L10 AND L21
L24   0 S L8 AND L23
L25   0 S L12 AND L23

=> d cit 123 1-3

1. 5,751,883, May 12, 1998, **Multimedia** direct access storage device
and formatting method; Hal Hjalmar Ottesen, et al., 386/27; 348/7;
369/30; 386/125; 711/112, 114 [IMAGE AVAILABLE]

2. 5,721,878, Feb. 24, 1998, **Multimedia** control system and method
for controlling **multimedia program** presentation; Hal Hjalmar
Ottesen, et al., 395/500; 348/7 [IMAGE AVAILABLE]

3. 5,721,815, Feb. 24, 1998, **Media**-on-demand communication system
and method employing direct access storage device; Hal Hjalmar Ottesen,
et al., 345/327; 348/7; 395/200.49, 827 [IMAGE AVAILABLE]

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=> d his


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L14          1 S DEMOGRAPHIC# AND L13
L15     623713 S MAINTAIN OR MAINTAINING AND L1
L16      62152 S ELEMENT# AND L2
L17      25947 S L15 AND L16
L18     262388 S PROGRAMMING OR PROGRAM?
L19       9045 S L17 AND L18
L20         16 S TEMPORAL (W) ORGANIZATION
L21          4 S L19 AND L20

=> d cit 121 1-4


1.  5,751,883, May 12, 1998, Multimedia direct access storage device
and formatting method; Hal Hjalmar Ottesen, et al., 386/27; 348/7;
369/30; 386/125; 711/112, 114 [IMAGE AVAILABLE]

2.  5,721,878, Feb. 24, 1998, Multimedia control system and method
for controlling multimedia program presentation; Hal Hjalmar
Ottesen, et al., 395/500; 348/7 [IMAGE AVAILABLE]

3.  5,721,815, Feb. 24, 1998, Media-on-demand communication system
and method employing direct access storage device; Hal Hjalmar Ottesen,
et al., 345/327; 348/7; 395/200.49, 827 [IMAGE AVAILABLE]

4.  5,288,626, Feb. 22, 1994, Method for producing new varieties of
plants; William C. Levengood, 800/292 [IMAGE AVAILABLE]
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=> d his

(FILE 'USPAT' ENTERED AT 06:59:05 ON 07 JAN 1999)
L1   490718 S DATABASE OR DATA OR DATA (W) BASE
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L8   31 S TAG# AND L7
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L11   27 S L10 AND L8
L12   120903 S PHOTO# OR PHOTOGRAPH# OR PHOTO(W)GRAPH
L13   6 S L11 AND L12
L14   1 S DEMOGRAPHIC# AND L13

=> d cit 114

1. 5,848,373, Dec. 8, 1998, Computer aided map location system; David M.
DeLorme, et al., 701/200; 340/990, 995; 342/357; 701/208, 212 [IMAGE
AVAILABLE]

=> d cit 113 1-6

1. 5,854,893, Dec. 29, 1998, System for teleconferencing in which
collaboration types and participants by names or icons are selected by a
participant of the teleconference; Lester F. Ludwig, et al., 395/200.34,
200.35, 200.57, 200.61, 200.76, 200.79 [IMAGE AVAILABLE]

2. 5,848,373, Dec. 8, 1998, Computer aided map location system; David M.
DeLorme, et al., 701/200; 340/990, 995; 342/357; 701/208, 212 [IMAGE
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3. 5,802,294, Sep. 1, 1998, Teleconferencing system in which location
video mosaic generator sends combined local participants images to second
location video mosaic generator for displaying combined images; Lester F.
Ludwig, et al., 395/200.34; 370/260, 267; 379/202; 395/200.68 [IMAGE
AVAILABLE]

4. 5,758,079, May 26, 1998, Call control in video conferencing allowing
acceptance and identification of participants in a new incoming call
during an active teleconference; Lester F. Ludwig, et al., 395/200.34;
345/330; 370/261; 379/202 [IMAGE AVAILABLE]

5. 5,689,641, Nov. 18, 1997, Multimedia collaboration system
arrangement for routing compressed AV signal through a participant site
without decompressing the AV signal; Lester F. Ludwig, et al.,
395/200.71; 348/15, 16; 370/260, 270; 395/200.34 [IMAGE AVAILABLE]

6. 5,617,539, Apr. 1, 1997, Multimedia collaboration system with
separate data network and A/V network controlled by information
transmitting on the data network; Lester F. Ludwig, et al.,
395/200.35; 345/330; 348/12; 370/260; 395/200.68, 200.79 [IMAGE